Claims 35, 40 and 41 have been amended by this amendment. The status of all claims and a listing of the present claims in this application are as follows:

1-31 (Canceled)

- 32. (Previously Presented) The method of claim 35 wherein said reinforcing layer is a layer of fibers selected from the group consisting of polyamide fibers, polyester fibers, rayon fibers, glass fibers and cotton fibers.
- 33. (Previously Presented) The method of claim 35 wherein said protective cover layer is a synthetic elastomer selected from the group consisting of styrene-butadiene rubber, acrylonitrile-butadiene rubber, chlorinated polyethylene, chlorosulfonated polyethylene, vinylethylene-acrylic rubber, acrylic rubber, epichlorohydrin rubber, polychloroprene rubber, polyvinyl chloride, ethylene-propylene copolymers, ethylene-propylene-diene terpolymer, ultra high molecular weight polyethylene, high density polyethylene, and blends thereof.
- 34. (Original) The method of claim 33 wherein said protective cover is chlorinated polyethylene.
- 35. (Currently Amended) A method of producing a flexible polymeric hose having improved fuel vapor barrier properties, said method comprising the steps of:

forming a first polymeric tubular structure;

forming a second polymeric tubular structure around on said first polymeric tubular structure;

forming a reinforcing layer <u>around</u> on said second polymeric structure; and forming a protective cover layer <u>around</u> on said reinforcing layer, wherein one of said first polymeric tubular structure and said second polymeric tubular structure

comprises an elastomeric material selected from the group consisting of butadiene-acrylonitrile

rubber, epichlorohydrin rubber, and ethylene-acrylic rubber, and the other of said first polymeric tubular structure and said second polymeric tubular structure is a barrier layer comprising a blend of about 20 to 80 weight percent of a first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer baving a fluorine content of about 65 to 73 weight percent fluorine, and about 80 to 20 weight percent of a second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 70 to 75 weight percent fluorine, said first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting elastomeric characteristics, and said a second hexafluoropropylene-tetrafluoroethylene-vinylidene terpolymer fluoropolymer exhibiting thermoplastic characteristics, wherein said first hexafluoropropylene-tetrafluoroethylene-vinylidene exhibits clastomeric characteristics and said second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride exhibits thermoplastic characteristics.

36. (Canceled)

- 37. (Currently Amended) The method of claim 35 36 further including the step of forming a third polymeric tubular structure selected from the group consisting of butadiene-acrylonitrile rubber, epichlorohydrin rubber, and ethylene-acrylate rubber between said second polymeric tubular structure and said reinforcing layer.
- 38. (Original) The method of claim 35 wherein said first polymeric tubular structure and said second polymeric tubular structure are formed by extrusion.
- 39. (Previously Presented) The method of claim 37 wherein said third tubular structure is formed by extrusion.
- 40. (Currently Amended) A method of producing a flexible polymeric hose having improved fuel vapor barrier properties, said method comprising the steps of:
 - extruding a first acrylonitrile-butadiene rubber tubular structure;

extruding a second fluoropolymeric tubular structure around on said first acrylonitrile-butadiene tubular structure, wherein said second fluoropolymeric tubular structure is a barrier layer comprising a blend of about 20 to 80 weight percent of a first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 65 to 73 weight percent fluorine, and about 80 to 20 weight percent of a second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 70 to 75 weight percent fluorine, said first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting elastomeric characteristics, and said second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting thermoplastic characteristics;

forming a reinforcing layer around said second polymeric structure; and forming a protective cover layer around on said reinforcing layer.

41. (Currently Amended) A method of producing a flexible polymeric hose having improved fuel vapor barrier properties, said method comprising the steps of:

extruding a first acrylonitrile-butadiene rubber tubular structure;

extruding a second fluoropolymeric tubular structure around on said first acrylonitrile-butadiene rubber tubular structure, wherein said second fluoropolymeric tubular structure is a barrier layer comprising a blend of about 20 to 80 weight percent of a first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 65 to 73 weight percent fluorine, and about 80 to 20 weight percent of a second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 70 to 75 weight percent fluorine, said first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting elastomeric characteristics, and said second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting thermoplastic characteristics;

extruding a third acrylonitrile-butadiene rubber tubular structure around said second fluoropolymeric tubular structure;

forming a reinforcing layer around said third acrylonitrile-butadiene rubber tubular structure; and

forming a protective cover layer around on said reinforcing layer.

42. (Previously Am nded) A method of producing a flexible polymeric hose having improved fuel vapor barrier properties said method comprising the steps of:

extruding a first fluoropolymeric tubular structure, wherein said first fluoropolymeric tubular structure comprises a blend of about 20 to 80 weight percent of a first hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 65 to 73 weight percent fluorine, and about 80 to 20 weight percent of a second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer having a fluorine content of about 70 to 75 weight percent fluorine, said first hexafluoropropylenetetrafluoroethylene-vinylidene fluoride terpolymer exhibiting elastomeric characteristics, and said second hexafluoropropylene-tetrafluoroethylene-vinylidene fluoride terpolymer exhibiting thermoplastic characteristics;

extruding a second acrylonitrile-butadiene rubber tubular structure around said first fluoropolymeric tubular structure;

forming a reinforcing layer around said second acrylonitrile-butadiene rubber structure; and

forming a protective cover layer around said reinforcing layer.

- 43. (Previously Presented) The method of claim 35 wherein said polymeric tubular structure contains a conductive material.
- 44. (Previously Presented) The method of claim 43 wherein said conductive material is carbon black.
- 45. (Previously Presented) The method of claim 35 further comprising the step of vulcanizing said covered reinforced tubular structure with a vulcanizing agent.
- 46. (Previously Presented) The method of claim 45 wherein said vulcanizing agent is a peroxide, a polyol or a polyamine vulcanizing agent.

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- 47. (Previously Presented) The method of claim 45 wherein said vulcanizing agent is present in an amount of about 0.5 to 10%.
- 48. (Previously Presented) The method of claim 46 wherein said vulcanizing agent is a peroxide selected from the group consisting of dicumylperoxide and 2,5-dimethyl-2,5-di(t-butylperoxy) hexyne-3.
- 49. (Previously Presented) The method of claim 46 wherein said vulcanizing agent is a polyol selected from the group consisting of hexafluoroisopropylidene-bis (4-hydroxyphenyl) hydroquinone and isopropylidene-bis(4-hydroxyphenyl).
- 50. (Previously Presented) The method of claim 46 wherein said vulcanizing agent is a polyamine selected from the group consisting of hexamethylenediamine carbamate and alicyclic diamine carbamate.
- 51. (Previously Presented) The method of claim 35 wherein said elastomeric material is acrylonitrile-butadiene rubber.